

ABSTRACT

A method and system for providing chemical compound product availability and contaminant and/or desired component information (certificate of analysis data) to end users of such products is disclosed. Chemical suppliers using computers (clients) access a central server computer, via the Internet or direct connection, to upload chemical compound lot analysis and quantity data to the server. The server stores the chemical compound lot data from suppliers in its database. Buyers or purchasers of such chemical compound products access the server using a computer and enter search criteria, specifying chemical names or identifiers, manufacturer name, chemical form (liquid, solid, granular, powder etc.), contaminants and maximum acceptable levels thereof. The server responds to the search request with a list of chemical compound lots previously stored in its database that satisfy the search criteria entered by the buyer. Buyers may reserve a portion or all of a particular chemical compound lot for purchase subject to negotiation of terms. Suppliers are notified electronically of the lot reservation event. A tracking history report for a particular chemical compound lot is also available from the server that provides useful data to track the use and repackaging history of a particular chemical compound lot.